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RAJPUTANA,  
PUBLIC WORKS  
DEPTT.  
Administration  
1915/16.

# ADMINISTRATION REPORT

OF THE

PUBLIC WORKS DEPARTMENT,

RAJPUTANA,

FOR THE YEAR 1915-16.

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# ADMINISTRATION REPORT

OF THE

## PUBLIC WORKS DEPARTMENT, RAJPUTANA, FOR THE YEAR 1915-16.

### REVENUE.

The total Public Works Revenue, inclusive of Military, amounted to Rs. 35,441 as detailed below :—

XXX.—Minor Works and Navigation	...	...	...	Rs. 16,907
XXXI.—Civil Works	...	...	...	„ 16,423
XXXIV.—Military Works	...	...	...	„ 2,111
TOTAL, REVENUE				Rs. 35,441

The revenue under Minor Works and Navigation is realised from the levy of water rates and sale of water in Government tanks in Ajmer-Merwara, for which Capital and Revenue Accounts are kept, and that under Imperial Civil and Military Works consists of rents of buildings and sales of old materials, tools and plant, etc. The receipts under Minor Works and Navigation were below the average, mainly due to the failure of the monsoon to fill the tanks.

### EXPENDITURE.

2. The total expenditure of Public Works during the year amounted to Rs. 7,79,022 as noted below :—

Fund Heads.	Expenditure in India.	Expenditure in England.	Total.
<i>Imperial.</i>	<i>Rs.</i>	<i>Rs.</i>	<i>Rs.</i>
33.—Famine Relief Works	31,862	.....	31,862
35.—Construction of Protective Irrigation Works	5,219	.....	5,219
43.—Minor Works and Navigation	66,656	.....	66,656
45.—Civil Works	4,00,599	37,152	4,37,751
47.—Military Works	23,287	.....	23,287
<i>Local Funds and Contributions.</i>			
Local Funds—Civil Works	35,085	.....	35,085
Contributions { Civil Works	1,66,946	.....	1,66,946
{ Military Works	12,216	.....	12,216
<i>Takavi Advances.</i>			
Irrigation Works	.....	.....	.....
GRAND TOTAL	7,41,870	37,152	7,79,022

## 47.—IMPERIAL MILITARY WORKS.

## MILITARY BUILDINGS AND ROADS.

3. The expenditure on Original Works and on Repairs was Rs. 2,721 and Rs. 11,998, respectively.

The following Original Minor Works, exceeding Rs. 500 each, were carried out, or were in progress, during the year :—

	Estimated cost. Rs.	Expenditure during 1915-16. Rs.	
<i>XI.—Supply and Transport Corps Works.—</i>			
(1) Re-roofing the Supply and Transport lines with corrugated iron sheets at Abu Road ...	1,910	1,212	In progress.
<i>VII.—Staff and miscellaneous buildings.—</i>			
(2) Constructing a gymnasium for the Abu Lawrence School ...	7,977	7,955	Completed. (Contributational.)
(3) Constructing a retaining wall in the play-ground of the Abu Lawrence School ...	1,676	1,711	do.
(4) Providing wire gauze shutters to the doors and windows of the dining room and dormitories of the Abu Lawrence School ...	1,819	1,402	In progress. (Contributational.)
(5) Constructing a fuel and rickshaw shed in the Abu Lawrence School ...	1,076	1,167	Completed. (Contributational.)
No Major Works were carried out during the year.			

## IMPERIAL CIVIL WORKS.

## CIVIL BUILDINGS.

4. The expenditure on Original Works and on Repairs, Civil Buildings, was Rs. 70,224, and Rs. 36,798, respectively.

The following Original Works, exceeding Rs. 500 each, were carried out, or were in progress, during the year :—

	Estimated cost. Rs.	Expenditure during 1915-16. Rs.	
<i>Posts and Telegraphs.—</i>			
(1) Constructing a new Post and Telegraph Office at Nasirabad ...	8,750	577	Completed.
(2) Additions and alterations to the Beawar Post Office ...	1,057	121	do.
(3) Re-roofing Post Office at Abu Road ...	919	916	do.
<i>Administration.—</i>			
(4) Laying plain galvanized iron sheets under the tiles in the ante-room in the Residency at Abu ...	858	758	Completed.
(5) Levelling the Residency Lawn, Abu ..	645	649	do.
(6) Constructing a fuel shed in the Abu Residency ...	752	758	do.
(7) Constructing a gardener's shed in the Abu Residency ...	615	645	do.
(8) Providing drains and <i>zenana</i> latrines in the chapparassi lines, Abu ...	1,282	672	do.
<i>Minor Departments.—(Monuments and antiquities).—</i>			
(9) Providing an enclosure wall to Abdulla Khan's tomb at Ajmer ...	1,499	977	In progress.
(10) Excavations in the Arahi-din-ka Jhonpra Mosque, Ajmer ...	500	490	Completed.
<i>Educational.—</i>			
(11) Improving the drainage of the roof on the south-west side of the Abu High School ...	760	766	Completed.
(12) Government High School at Ajmer ...	...	4,930*	do.
(13) Improvements to the water-supply of the Government College at Ajmer ...	2,202	268	do.

\* Represents cost of land erroneously debited to the Government High School. Necessary adjustment made in the Estimate for acquisition of land (*vide* item 8 of Public Works Department Administration Report for 1914-15, §4) during August, 1916.

	Estimated cost. Rs.	Expenditure during 1915-16. Rs.	
<i>Law and Justice.—</i>			
(14) Additions and alterations to the Tahsil at Todgarh	5,242	53	Completed.
(15) Additions and alterations to the record room (English office) of the Extra Assistant Commissioner's office at Beawar	3,109	3,536	do.
(16) Providing record racks in Civil Court, Ajmer	1,765	578	do.
(17) Firing expanded metal to the verandah openings attached to the District Court, Ajmer	1,008	981	do.
(18) Providing wooden almanacs in the Extra Assistant Commissioner's Court at Beawar	515	543	do.
<i>Jails.—</i>			
(19) Petty works carried out in the Central Jail, Ajmer	1,942	2,002	do.
<i>Police.—</i>			
(20) Additions and alterations to Patwaris School, No. 1, to adapt it for Treasury guard family quarters at Beawar	4,413	3,994	Completed.
(21) Constructing a 1st class police station at Beawar,	27,074	19,693	In progress.
(22) Improvements to the police lines at Deesa	1,040	1,075	Completed.
(23) Constructing a new police outpost at Deoli	12,524	7,620	In progress.
(24) Additions and alterations to constables' family quarters in police stations in the Nasirabad Sub-division	1,473	1,320	do.
(25) Improvements to the police station at Kekri	1,248	1,286	Completed.
(26) Substituting old masonry latrines by iron ones in the police station at Ajmer	696	706	do.
(27) Additions and alterations to the old police outpost at Harmara	598	605	do.
(28) Providing record racks for the office of the Superintendent of Police, Ajmer-Merwara	555	486	do.
(29) Adding a quarter and providing compounds to the existing quarters for Police in (late) Chief Medical Officer's office compound at Abu	915	894	do.
<i>Medical.—</i>			
(30) Additions and alterations to the Sub-Assistant Surgeon's quarters at Kotra	736	184	In progress.
<i>Miscellaneous.—</i>			
(31) Constructing a civil Inspection House at Ajmer	16,702	—1	Completed.
(32) New sheds and roads in the Public Works Department store-yard at Ajmer	1,431	1,279	do.
(33) Additions and alterations to the Public Works Department store at Kekri	1,248	1,267	In progress.
(34) Metalling approach road to Public Works Department store, Beawar	820	374	do.
(35) Conversion of 2 out-houses of the Public Works Department Establishment quarter, No. IV, at Abu into a quarter for a Sub-overseer	1,176	1,196	Completed.

#### COMMUNICATIONS—IMPERIAL, CIVIL.

5. The expenditure on Original Works and Repairs was Rs. 41,305 and Rs. 1,42,131.

The important Original Works carried out, or in progress, during the year, are noted below :—

	Estimated cost. Rs.	Expenditure during 1915-16. Rs.	
(1) Widening berms of Nasirabad-Deoli Road	11,794	2,023	Completed.
(2) Widening the metalling in miles 2, 3, and 4 of Ajmer-Jaipur Road	11,041	1,618	do.
(3) Additions and alterations to Public Works Department Inspection House at Ajmer	4,931	4,981	do.
(4) Increasing the width of metalling on the ghât portion of the Ajmer-Pushkar Road	4,926	3,225	do.
(5) Widening mile 5 of the Ajmer-Jaipur Road	3,419	1,668	do.

	Estimated cost. Rs.	Expenditure during 1915-16. Rs.	
(6) Providing increased out-house accommodation for Barl Inspection Bungalow ...	2,997	2,143	Completed.
(7) Widening berms in miles 2, 3, 4, and 5 of the Ajmer-Jaipur Road ...	2,767	1,180	do.
(8) Additions and alterations to Goela Inspection Bungalow ...	2,604	2,655	In progress.
(9) Widening miles 7 & 8 of the Ajmer-Pushkar Road ...	1,868	1,600	Completed.
(10) Furniture required for road Inspection Bungalows in Ajmer-Merwara ...	1,768	—37	do.
(11) Widening bends in mile 4 of the Ajmer-Pushkar Road ...	1,733	144	do.
(12) Widening portion of mile 17 of the Ajmer-Jaipur Road ...	1,034	529	do.
(13) Paving road dam in mile 21 furlong 6 of the Ajmer-Jaipur Road ...	983	891	do.
(14) Providing drop wall to causeway in miles 25 and 26 of the Nasirabad-Neemuch Road ...	767	492	do.
(15) Constructing a culvert in mile 22 furlong 6 of the Beawar-Dawair Road ...	968	825	do.
(16) Constructing parapet wall in mile 42 Ajmer-Beawar Road ...	1,508	1,544	do.
(17) Constructing parapet wall on miles 21, 22, and 23 of the Beawar-Dawair Road ...	2,280	2,387	do.
(18) Providing furniture and crockery in the Beawar Inspection Bungalow ...	766	834	do.
(19) Cutting off corners on the Beawar-Dawair Road, Section Jawaja to Jessakhara ...	6,958	1,711	do.
(20) Rebuilding a culvert in mile 4 furlong 2 of the Abu Cart Road ...	1,253	1,275	In progress.
(21) Rebuilding a culvert in mile 3 furlong 4 of the Abu Cart Road ...	1,862	1,876	do.
(22) Constructing parapets on approaches to the Rajwara Bridge over the Banas, Abu Cart Road ...	718	773	Completed.
(23) Constructing parapet walls in 10th mile of the Abu Cart Road ...	1,545	997	In progress.
(24) Constructing parapet walls in mile 11 of the Abu Cart Road ...	1,545	912	do.
(25) Digging a well in the 2nd mile of the Erinpura Cart Road ...	957	823	Work closed.

#### 43.—MINOR WORKS AND NAVIGATION.

6. The expenditure under this head for Works and Repairs, including Establishment and Tools and Plant, was Rs. 66,656, and it was chiefly due to expenditure incurred in the repairs and maintenance of Government tanks in Ajmer-Merwara.

The following is a list of the Original Works carried out, or in progress, during the year:—

##### REVENUE WORKS.

	Estimated cost. Rs.	Expenditure during 1915-16. Rs.	
<i>Main canals and branches—Tanks and reservoirs.—</i>			
(1) Reconstructing wing walls and sluice of Bhagwanpura Khara Bala Tank, No. 21/44, in the Beawar Sub-collectorate ...	1,103	1,106	Completed.
(2) Constructing a new duct channel of Lotiana old Tank, No. 91/390, in Beawar Sub-collectorate ...	961	915	do.
(3) Improving Jhuntra Tank, No. 91, at Jhuntra in Todgarh Sub-collectorate ...	1,410	1,402	do.
(4) Constructing a new weir of Asan Naliwala Tank, No. 147/368, in Beawar Sub-collectorate ...	1,016	786	do.
(5) Constructing a sluice of Barjalia Tank, No. 5/70, Todgarh Sub-collectorate ...	1,107	939	do.
(6) Strengthening Chandolai Tank, No. 26/184, at Chandolai in Ajmer Sub-collectorate ...	4,535	2,391	In progress.
(7) Strengthening Dabrela Tank, No. 29/214, in the Ajmer Sub-collectorate ...	2,375	1,682	do.
(8) Restoring Kaklana Tank, No. 48/819 in the Ajmer Sub-collectorate ...	2,032	1,458	do.
(9) Constructing culverts on the Shoela duct of Barole New Tank, Ajmer Sub-collectorate ...	511	510	Completed.

<i>Main canals and branches—Buildings.—</i>	<i>Estimated cost.</i>	<i>Expenditure during 1915-16.</i>	
	Rs.	Rs.	
(10) Constructing a subordinate's rest hut at Bagar ...	958	898	Completed.
(11) Additions and alterations to Bhim Inspection Bungalow ...	2,016	1,887	do.
(12) Consolidation of approaches to Jawaja Inspection Bungalow ...	640	636	do.
(13) Supply of furniture and crockery in Irrigation Bungalows in Merwara Sub-division ...	1,320	22	do.

### 55.—PROTECTIVE IRRIGATION WORKS.

7. The expenditure under this head was Rs. 5,219 on the works noted below :—

<i>Preliminary expenses—</i>	<i>Estimated cost.</i>	<i>Expenditure during 1915-16.</i>	
	Rs.	Rs.	
(1) Survey of famine projects in Ajmer-Merwara ...	6,290	5,219	
(2) Taking river discharge observations in Ajmer-Merwara ...	834		

### 33.—FAMINE RELIEF WORKS.

8. The expenditure under this head was Rs. 31,862. The following are the works, exceeding Rs. 500 each, which were carried out, or were in progress, during the year :—

	<i>Estimated cost.</i>	<i>Expenditure during 1915-16.</i>	
	Rs.	Rs.	
(1) Strengthening Thuni Thak Tank, No. 160/39, in Beawar Tahsil ...	2,102	3,745	In progress.
(2) Strengthening Borka Tank, No. 88/139, in Beawar Tahsil ...	3,470	4,534	do.
(3) Strengthening Basai Tank, No. 18/23, in Beawar Tahsil ...	5,079	5,605	do.
(4) Strengthening Baria-ka-Ganwai Tank in Beawar Tahsil ...	2,819	320	do.
(5) Strengthening and improving Andhi-Deori-Ganw-ka Tank in Beawar Tahsil ...	5,858	2,599	do.
(6) Strengthening and improving Bataora Tank, No. 142/110, in Beawar Tahsil ...	2,918	1,488	do.
(7) Raising and improving Nil-ki-Nadi Tank, No. 55/553, in Ajmer Sub-collectorate ...	13,039	100	Closed.
(8) Strengthening Phulsagar and Jhillar Tank, No. 77/892 and 77/893, in Ajmer Sub-collectorate ...	1,523	3,281	do.
(9) Metal collection on the Beawar-Dawair Road ...	50,213	9,914	In progress.

### LOCAL FUNDS AND CONTRIBUTIONS.

9. The expenditure under this head, including Establishment and Tools and Plant charges, was Rs. 35,085 and Rs. 1,79,162, respectively.

The following Original Works and Repairs were carried out, or were in progress, during the year :—

	<i>Estimated cost.</i>	<i>Expenditure during 1915-16.</i>	
	Rs.	Rs.	
<i>Contributinal Works.—</i>			
(1) Water-supply scheme at Beawar ...	77,679	1,067	Completed.
(2) Bhaonta water-supply scheme for Ajmer ...	5,19,462	58,391	In progress.
(3) Constructing a Female Mission Hospital at Ajmer ...	56,222	27,375	do.
(4) Additions to the Female Mission Hospital, Ajmer ...	2,308	71	do.
(5) Constructing a prayer-room in the Women's Hospital at Ajmer ...	523	517	do.
(6) Constructing a <i>baradari</i> for the Darga Khwaja Sahib at Ajmer in commemoration of the visit of Her Majesty the Queen Empress ...	4,206	1,199	Completed.
(7) Constructing the Husband Memorial High School, Ajmer ...	50,658	35,000	In progress.
(8) Replacing wire gauze doors and windows to the Dak Bungalow at Ajmer ...	1,225	62	do.
<i>Excluded Local Funds—</i>			
(9) Improving District Fund Roads (Ajmer-Srinagar and Nasirabad-Srinagar Roads) ...	5,485	2,418	do.
(10) Building a culvert on the Bandanwara-Masuda Road, mile 11, furlongs 7 to 9 ...	2,583	1,022	do.



## MISCELLANEOUS PUBLIC IMPROVEMENTS.

10. No expenditure from Imperial Funds was incurred under this head, but Rs. 1,04,874 was spent from contributions on both Works and Repairs.

## ESTABLISHMENT.

11. The establishment charges for the year amounted to Rs. 1,42,564 as detailed below, or 32·84 per cent. upon the outlay on Works and Repairs (excluding outlay on which establishment charges were specially exempted or were not leviable under the rules contained in paragraph 1885-IX, P.W.D, Code, Vol. II), as against 27·79 per cent. in the previous year and 26·76 per cent. the year before :—

Fund and Major Head.	Outlay on Works and Repairs on which percentage is charged.	Charges for Establishment.	Percentage for Establishment upon the outlay on Works and Repairs.	
			1915-16.	1914-15.
<b>IMPERIAL.</b>	<b>Rs.</b>	<b>Rs.</b>		
Minor Works and Navigation	45,165	18,692	41·39	30·16
Military Works ...	11,365	4,704	41·39	30·16
Civil Works ...	2,80,151	1,16,591	41·62	30·36
<b>LOCAL FUND AND CONTRIBUTIONS.</b>				
Local Civil Works ...	28,525	6,132	21·5	21·5
Contribution Works—Civil...	68,875	—3,555 =(14,813 —18,368)*	21·5	21·67
<b>TAKAVI ADVANCES.</b>				
Irrigation Works ...	...	...	...	...
<b>Total ...</b>	<b>4,34,081</b>	<b>1,42,564</b>	<b>32·84</b>	<b>27·79</b>

\*Rs. 18,368 represents an adjustment relating to 1914-15.

The percentage falls to 30·7 per cent. if the following expenditure, specially exempted from the supervision charges leviable by the Public Works Department, were included in the above figures of actual outlay on which the percentage of establishment charges is calculated :—

(1) Water-supply scheme at Beawar	...	Rs. 1,067
(2) Constructing a Female Mission Hospital at Ajmer	...	27,375
(3) Additions to the Female Mission Hospital at Ajmer	...	71
(4) Constructing a prayer room in the Women's Hospital at Ajmer	...	517
(5) Constructing a <i>baradari</i> in Durga Khwaja Sahib at Ajmer in commemoration of the visit of Her Majesty the Queen Empress	...	1,199
<b>Total ...</b>	<b>Rs. 30,229</b>	

## TOOLS AND PLANT.

12. The charges during the year on account of Tools and Plant amounted to Rs. 14,327, as detailed below, or 3·30 per cent. upon the outlay on Works

and Repairs (excluding outlay on which charges for Tools and Plant were not permissible) :—

Fund and Major Head.	Outlay on Works and Repairs on which percentage is charged.	Charges for Tools and Plant.	Percentage for Tools and Plant upon the outlay on Works and Repairs.
IMPERIAL.	Rs.	Rs.	
Minor Works and Navigation ...	45,165	677	1·5
Military Works ...	11,365	(a) 206	1·5
Civil Works ...	2,80,151	12,467	4·45
LOCAL FUNDS AND CONTRIBUTIONS.			
Local Civil Works ...	28,525	428	1·5
Contribution Works—Civil ...	68,875	1,033	1·5
		(b) 797	
		(c) —1,281	
TAKAVI ADVANCES.			
Irrigation Works ...	...	...	...
Total ...	4,34,081	14,327	3·30

(a) Rs. 36 excess levied will be adjusted in 1916-17.

(b) Rs. 797 represents actual expenditure on repairs and carriage.

(c) Rs. 1,281 represents an adjustment relating to 1914-15.

#### PERSONNEL.

13. Mr H. C. Sanders, Superintending Engineer, continued to hold the appointment of Superintending Engineer, Rajputana, and Secretary to the Local Administration in the Public Works Department during the year under review.

On the 27th January 1916, Mr R. Gadsby, Assistant Engineer, took over charge of the Ajmer Division from Mr R. F. Roberts, Executive Engineer, on the latter's appointment to the Indian Army Reserve of Officers.

Rai Bahadur Ohhutan Lal, Executive Engineer, continued to hold charge of the Mount Abu Division during the year 1915-16.

14. The usual appendices showing the length of roads maintained during the year, and furnishing details of the expenditure incurred under the various finance heads are attached.

15. A map of the province and a diagram showing the expenditure are also appended.

H. C. SANDERS,

*Secretary to the Hon'ble the Agent to the Governor-General,  
Rajputana, and Chief Commissioner, Ajmer-Merwara,  
in the Public Works Department.*



## APPENDIX A.

*Statement showing the length of Metalled and Unmetalled Roads in the Public Works Department, Rajputana, during the year 1915-16.*

Name of division	District and Native States.	IMPERIAL ROADS.		DISTRICT BOARD ROADS.		TOTAL MILEAGE MAINTAINED.	
		Metalled.	Unmetalled.	Metalled.	Unmetalled.	Metalled.	Unmetalled.
1	2	3	4	5	6	7	8
		Miles.	Miles.	Miles.	Miles.	Miles.	Miles.
Ajmer Division*	<div> <div>Ajmer ...</div> <div>Kishangarh ...</div> <div>Jaipur ...</div> <div>Mewar ...</div> </div>	173	97	43	69	216	166
Mount Abu Division*	<div> <div>Merwara ...</div> <div>Mount Abu ...</div> <div>Sirohi ...</div> <div>Deesa ...</div> <div>Marwar ...</div> </div>	92	120	...	88	92	208
	Total ...	265	217	43	157	308	374

\*See detailed statement on reverse.

## STATEMENT I.

Statement showing the length of Metalled and Unmetalled Roads maintained in the Public Works Department, Rajputana, in the year 1915-16.

Name of roads.	From	To	LENGTH MAINTAINED.						Length not maintained.	Total length.	REMARKS.	
			Metalled.			Unmetalled.						
1	2	3	4	5	6	7	8					
IMPERIAL ROADS.												
Ajmer District.												
1 Ajmer-Jaipur Road, 1 to 12 miles.	Ajmer Post Office ...	Gegal...	12	0	0	...	...	...	...	12 0 0	Furlongs 1st to 4th of 1st mile are maintained by the Military Department, Nasirabad.	
2 Ajmer-Jaipur Road, 13 to 29½ miles.	Gegal ...	Jaipur boundary ...	17	6	0	...	...	...	...	17 6 0		
3 Ajmer-Beawar Road (Kharwa section).	Ajmer Post Office ...	Kharwa, 6 furlongs	23	6	0	...	...	...	...	23 6 0		
4 Ajmer-Nasirabad Road	The Martindale Bridge at Ajmer.	Nasirabad, 14th mile.	13	0	0	...	...	...	...	13 0 0		
5 Nasirabad Circular Road	From near the Junction of the Nasirabad-Neemuch and Nasirabad-Deoli Roads.	To the Ajmer-Nasirabad Road.	1	3	0	...	...	...	...	1 3 0		
6 Nasirabad-Deoli Road	Nasirabad	Deoli Cantonment, 57 miles, 2 furlongs.	57	2	0	...	...	...	...	57 2 0		
7 Nasirabad-Neemuch Road (British Territory).	" 4 furlongs...	Khari River near Barl village, 28 mile, 2 furlong.	27	0	0	...	...	...	...	27 0 0		
8 Nasirabad-Neemuch Road (Udaipur Territory).	Khari River near Barl village, 28 mile, 3 furlong.	Piplia Okowki, 126 miles.	...	...	97	6	0	...	...	97 6 0		
9 Nasirabad-Mangliawas Road	Nasirabad, 4 furlongs	Mangliawas, 14 mile, 6 furlong.	14	2	0	...	...	...	...	14 2 0		Do. do.
10 Ajmer-Pushkar Road	Ajmer Municipal boundary at 2 mile.	Pushkar, 7 mile, ¼ furlong.	5	4	330	...	...	...	...	5 4 330		The 1st two miles are maintained by the Municipality, Ajmer.
Total, Imperial Roads	.....	.....	172	5	330	97	6	0	...	270 3 330		

## DISTRICT FUND ROADS.

## Ajmer District.

11	Budha-Pushkar Road	...	Mile 4, furlong 3, Ajmer-Pushkar Road.	Budha Pushkar Lake, 6 miles.	...	...	...	1	5	0	...	...	...	1	5	0	Kutcha Road branches off from mile 4, furlong 3 of the Ajmer-Pushkar Road.
12	Ajmer-Srinagar Road	...	Ajmer Municipal boundary, 3 mile.	Srinagar, 11th mile	8	0	...	...	...	...	...	...	...	8	0	0	First 3 miles are maintained by the Ajmer Municipality.
13	Ajmer-Ararka Road	...	Ajmer Municipal boundary, 4 mile.	Ararka, 12th mile...	...	...	...	8	0	0	...	...	...	8	0	0	Do. do.
14	Mangliawas-Pisangan Road...	...	Mangliawas Police Station, 0 mile.	Pisangan, 12th mile	3	4	0	8	4	0	...	...	...	12	0	0	Commences at 16 miles, 3 furlong of Ajmer-Benwar Road from Mangliawas Inspection Bungalow.
15	Harmara-Tilornia Road	...	Harmara Railway Station.	Tilornia, 2 mile, 6 furlong.	2	6	0	...	...	...	...	...	...	2	6	0	
16	Kharwa-Masuda Road	...	Kharwa Inspection Bungalow on Ajmer-Sendra Road.	Masuda entrance gate.	...	...	...	8	7	0	...	...	...	8	7	0	
17	Nasirabad-Srinagar Road	...	Nasirabad Cantonment boundary at 2 miles, 2½ furlongs.	Srinagar, 10th mile	7	5	330	...	...	...	...	...	...	7	5	330	Miles 2 and furlong 2½ are in charge of Cantonment, Nasirabad.
18	Nasirabad-Ramsar Road	...	Nasirabad Cantonment boundary at 2nd mile.	Ramsar, 10th mile	9	0	0	...	...	...	...	...	...	9	0	0	Mile 1st is in charge of the M. W. D. at Nasirabad.
19	Bandanwara-Masuda Road	...	Bandanwara Inspection Bungalow.	Masuda, 4th furlong of 13th mile.	5	4	0	7	0	0	...	...	...	12	4	0	
20	Bandanwara-Bhinai Road	...	Do. do.	Bhinai	7	0	0	...	...	...	...	...	...	7	0	0	Commences from Bandanwara Inspection Bungalow at 12th mile, 6 furlong of Nasirabad-Neenuch Road.
21	Bhinai-Kekri Road	...	Bhinai ...	Kekri	...	...	...	26	0	0	...	...	...	26	0	0	
22	Sawar-Kekri Road	...	Sawar ...	Do.	...	...	...	...	...	...	15	0	0	15	0	0	
23	Kekri-Junia Road	...	Kekri ...	Junia	...	...	...	9	0	0	...	...	...	9	0	0	
24	Deoli-Shahpura Road	...	Deoli Cantonment boundary.	Towards Shahpura	...	...	...	...	...	...	3	0	0	3	0	0	The length is 30 miles from Deoli to Shahpura, but only 1 to 3 miles are in charge of P. W. D.
Total, District Fund Roads				.....	43	3	330	69	0	0	18	0	0	130	3	330	
Grand Total, Imperial and District Fund Roads				.....	216	1	0	166	6	0	18	0	0	400	7	0	

**STATEMENT II.**  
*Statement showing the length of Metalled and Unmetalled Roads in the Mount Abu Division, during the year 1915-16.*

Name of roads.	From	To	LENGTH MAINTAINED.						Length not maintained.	Total length.	REMARKS.	
			Metalled.		Unmetalled.		Length maintained.					
			Mls.	Ft.	Mls.	Ft.	Mls.	Ft.				Mls.
1 Ajmer-Beawar Road (Kharwa-Sendra Section).	2	3	20	2 0	...	...	...	...	20	2 0	Commences from 6th mile, and 2 furlong of Beawar-Todgarh Road.	
2 Beawar-Dawair Road	Kharwa	Sendra, 4½ mile...	33	4 0	13	0 0	...	...	46	4 0		
3 Abu Cart Road	Beawar Municipal boundary at 1 mile, 2 furlongs, 550 feet.	...	17	5 0	...	...	...	...	17	5 0		
4 Abu Station Roads	...	...	2	1 0	5	0 0	...	...	7	1 0		
5 Abu-Orla Road	...	...	0	0 0	3	6 0	...	...	4	0 0		
6 Abu-Anadra Road	...	...	0	2 0	5	5 0	...	...	5	7 0		
7 Abu High School Road	...	...	0	5 0	...	...	...	...	0	5 0		
8 Abu High School Volunteer Rifle Range.	...	...	...	...	0	2 0	...	...	0	2 0		
9 Abu Sanitarium Roads	...	...	...	...	2	1 0	...	...	2	4 0		
10 Deesa Cantonment Roads	...	...	8	0 0	...	...	...	...	8	0 0		
11 Erinpura Cart Road	...	...	6	2 0	...	...	...	...	6	2 0		
12 Erinpura Cantonment Roads	...	...	2	2 0	...	...	...	...	2	2 0		
13 Deesa-Anadra Road	...	...	...	...	11	0 0	...	...	11	6 0		
14 Anadra-Erinpura Road	...	...	...	...	45	3 0	...	...	15	5 0		
Total, Imperial Roads	...	...	91	5 0	120	2 0	...	...	111	7 0		
DISTRICT FUND-ROADS.												
Merwara District.												
15 Suraghata Road	...	Suraghata, mile 16	...	...	9	6 0	...	...	9	6 0		
16 Beawar-Sheopura Road	Beawar, 6 mile, 2 furlongs.	...	...	...	...	...	...	...	...	...		
17 Jassakhern-Todgarh Road via Bankhan.	Beawar, 1 mile, 4 furlongs, 160 feet.	Sheopura-Ghat Road, 11 mile.	...	...	9	3 200	...	...	9	3 200		
18 Beawar-Masuda Road	Jassakhern, 2½ mile	Todgarh via Bankhan, 4½ mile ...	...	...	16	0 0	...	...	16	0 0		
...	Beawar, 2nd mile	Masuda, 14 mile...	...	...	13	0 0	...	...	13	0 0		

19 Dawair-Pass Road	...	Dawair, 67 miles	...	Marwar State boundary 72 miles, 2 furlong.	...	...	...	...	5	5	0	5	5	0
20 Beawar-Dilwara Road	...	Beawar, 3 furlong, 20 feet.	...	Dilwara, 3 miles, 2 furlong.	...	...	...	...	2	6	640	2	6	640
21 Beawar-Chitar Road	...	Beawar, 5 furlong, 320 feet.	...	Chitar, 10 miles, 5 furlong.	...	...	...	...	9	7	340	9	7	340
22 Nayanagar-Beawar Road	...	Nayanagar, 1 mile, 7 furlong, and 100 feet	...	Beawar, 4th mile...	...	2	6	560	...	...	...	2	6	560
23 Beawar-Rupnagar Road	...	Beawar, 1 mile, 2 furlong.	...	Rupnagar, 5th mile	...	...	...	...	3	5	160	3	5	160
24 Beawar-Balad Road	...	Beawar, 7 furlong, 140 feet.	...	Balad, 3 miles, 6 furlong.	...	...	...	...	2	1	560	2	1	560
25 Beawar-Kotra Road to its Junction with Nai Bar.	...	Beawar, 1 mile, 4 furlong, 265 feet.	...	Kotra Road with Nai Bar Road, 12 mile, 6 furlong, 540 feet.	...	11	2	275	...	...	...	11	2	275
26 Bhim-Ajitgarh-Lalpura Road...	...	Bhim, 34 miles, 5 furlong.	...	Marwar State boundary, 43 mile, 5 furlong.	...	...	...	...	9	0	0	9	0	0
27 Bhim-Titri-Ajitgarh Road	...	Do.	...	Ajitgarh <i>via</i> Bara-khan, 45 miles, 6 furlong.	...	...	...	...	11	1	0	11	1	0
28 Sendra-Chitar Road	...	Beawar-Sendra, 8 miles, 7 furlong, 120 feet.	...	Chitar, 12 miles, 5 furlong, 294 feet.	...	...	...	...	3	6	369	3	6	369
29 Sendra-Kotra Road	...	Beawar-Sendra, 8 miles 4 furlong, 500 feet.	...	Kotra, 13 miles, 4 furlong, 160 feet.	...	...	...	...	4	7	320	4	7	320
30 Lakhaguda-Dawair Road	...	Lakhagudha, 48 miles	...	Dawair, 67 miles...	...	19	0	0	...	...	...	19	0	0
31 Bhim-Todgarh Road <i>via</i> Barar	...	Bhim, 36 miles	...	Todgarh, 44 miles	...	7	0	0	...	...	...	7	0	0
Total, District Fund	...	.....	...	.....	...	88	2	375	53	1	409	141	4	124
Grand Total, Imperial and District Fund Roads	...	.....	...	.....	...	208	4	375	53	1	409	353	3	124

Surface with mooram.

The length of this road is only 7 miles unmetalled, hence the omission of 5 miles, 9 furlongs, from the metalled portion.



## APPENDIX B.

*Statement of Expenditure on Public Works in Rajputana, for the year 1915-16.*

Fund and Finance Heads.	EXPENDITURE.			
	1915-16.			1914-15.
	Actuals.	Revised Estimate.	Budget Estimate.	Actuals.
<b>IMPERIAL.</b>	Rs.	Rs.	Rs.	Rs.
<b>33—FAMINE RELIEF WORKS IN CHARGE OF P.W.D.</b>				
<i>IRRIGATION WORKS.</i>				
Tanks in Ajmer Sub-Collectorate ...	22,074	24,000	...	5,359
„ Beawar „ ...				
„ Todgarh „ ...				
<i>Total, Irrigation</i> ...	22,074	24,000	...	5,359
<i>CIVIL WORKS.</i>				
Original Works ...	9,776	21,000	...	7,619
Repairs ...				
Establishment ...				
Tools and Plant ...				
Miscellaneous Public Improvements ...	12			
<i>Total, Civil Works</i> ...	9,788	21,000	...	7,619
<i>GRATUITOUS RELIEF.</i>				
Given in Government Institutions ...	...	...	...	...
<i>Total, Famine Relief</i> ...	31,862	21,000	...	12,978
<b>35—CONSTRUCTION OF PROTECTIVE IRRIGATION WORKS.</b>				
<i>WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE NOT KEPT.</i>				
Surveys and Investigations ...	5,219	5,000	8,000	3,717
<b>43—IRRIGATION, MINOR WORKS AND NAVIGATION.</b>				
<i>WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.</i>				
<i>CAPITAL OUTLAY.</i>				
Tanks in Ajmer Sub-Collectorate ...	...	...	6,700	...
„ Beawar „ ...	...	...	...	510
„ Todgarh „ ...	178	...	...	4,833
<i>Total</i> ...	178	...	6,700	5,343
<i>Deduct—Expenditure in England</i> ...	...	...	...	...
Carried over, Minor Works & Navigation	178	...	6,700	5,343

## Appendix B.—(Contd.)

Fund and Finance Heads.	EXPENDITURE.			
	1915-16.			1914-15.
	Actuals.	Revised Estimate.	Budget Estimate.	Actuals.
<b>IMPERIAL—(Contd.)</b>	Rs.	Rs.	Rs.	Rs.
Brought forward, Minor Works & Navigation	178	...	6,700	5,343
REVENUE AND WORKING EXPENSES.				
Tanks in Ajmer Sub-Collectorate ...	30,221	23,600	28,850	22,169
„ Beawar „ ...	17,148	13,500	30,250	6,688
„ Todgarh „ ...	17,887	16,000	32,900	11,184
<i>Total</i> ...	65,556	53,100	92,000	40,041
WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE NOT KEPT.				
Survey and Experimental Works ...	922	900	1,300	947
<i>Total, Minor Works and Navigation</i> ...	66,656	54,000	1,00,000	46,331
<b>47—MILITARY WORKS.</b>				
Original Works ...	2,721	3,000	...	2,330
Repairs ...	11,998	12,000	15,800	15,422
Establishment ...	4,704	6,238	5,060	4,210
Tools and Plant ...	206	42	420	209
Suspense ...	...	...	...	...
Barrack Department ...	3,658	3,300	3,300	4,859
<i>Total</i> ...	23,287	24,580	24,580	27,030
<i>Deduct—Expenditure in England</i> ...	...	...	...	...
<i>Total, Military Works</i> ...	23,287	24,580	24,580	27,030
<b>45—CIVIL WORKS.</b>				
Original Works ...	1,11,529	1,11,000	2,78,000	2,14,167
Repairs ...	1,78,929	1,78,000	1,70,000	1,94,256
Establishment ...	1,16,591	1,17,987	1,21,438	97,905
Tools and Plant ...	12,467	10,013	3,562	6,329
Suspense ...	18,235	...	...	222
<i>Total</i> ...	4,37,751	4,17,000	5,73,000	5,12,879
<i>Deduct—Expenditure in England</i> ...	37,152	...	...	70,835
<i>Total, Civil Works</i> ...	4,00,599	4,17,000	5,73,000	4,42,044
<b>Total, IMPERIAL (India)</b> ...	5,21,623	5,21,580	7,05,580	5,32,100

## Appendix B.—(Concl'd.)

Fund and Finance Heads.	EXPENDITURE.			
	1915-16.			1914-15.
	Actuals.	Revised Estimate.	Budget Estimate.	Actuals.
<b>LOCAL FUNDS.</b>	Rs.	Rs.	Rs.	Rs.
<b>CIVIL WORKS.</b>				
Original Works ... ..	4,615	8,313	...	477
Repairs ... ..	28,910	25,422	17,671	16,798
Establishment ... ..	6,132	7,759	4,064	3,714
Tools and Plant ... ..	428	506	265	259
<b>Total, LOCAL FUNDS</b> ...	<b>35,085</b>	<b>42,000</b>	<b>22,000</b>	<b>21,248</b>
<b>CONTRIBUTIONS.</b>				
<b>MILITARY WORKS.</b>				
Original Works ... ..	12,216	9,750	2,000	1,006
Repairs ... ..	...	150	...	...
Establishment ... ..	...	...	...	...
Tools and Plant ... ..	...	...	...	...
<b>Total, Military Works</b> ...	<b>12,216</b>	<b>9,900</b>	<b>2,000</b>	<b>1,006</b>
<b>CIVIL WORKS.</b>				
Original Works ... ..	1,34,224	...	...	2,47,713
Repairs ... ..	35,728	...	...	15,170
Establishment ... ..	—3,555	...	...	29,091
Tools and Plant ... ..	549	...	...	2,915
<b>Total, Civil Works</b> ...	<b>1,66,946</b>	<b>...</b>	<b>...</b>	<b>2,94,889</b>
<b>Total, CONTRIBUTIONS</b> ...	<b>1,79,162</b>	<b>...</b>	<b>...</b>	<b>2,95,895</b>
<b>TAKAVI ADVANCES.</b>				
<b>(IRRIGATION WORKS.)</b>				
Works and Repairs ... ..	...	...	...	...
Establishment ... ..	...	...	...	...
Tools and Plant ... ..	...	...	...	...
<b>Total, TAKAVI ADVANCES</b> ...	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>

